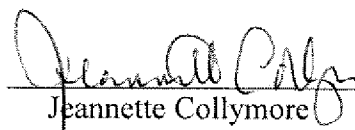


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited or electronically filed with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 8, 2007.


Jeannette Collymore

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Richard P. Tori, et al.	Examiner:	J. Lee
Serial No:	09/811,904	Art Unit:	2881
Filed:	March 19, 2001	Attorney Docket No.	11460-109
Patent No.:	6,737,643		
Issued:	May 18, 2004		
For:	DETECTOR AND METHOD FOR CLUSTER ION BEAM DIAGNOSTICS		

Burns & Levinson LLP
125 Summer Street
Boston, MA 02110
(617) 345-3000

TO: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (POST-ISSUANCE)

Sir:

Included herewith is an Information Disclosure Statement (IDS) under 37 CFR 1.97(i). Applicants request entry into the above-referenced file of the IDS and accompanying references, which were first brought to Applicants' attention in a Supplementary European Search report for a related patent application. No fee is believed required for entry into the file. However, if payment of a fee is deemed necessary, please charge such fee to Deposit Account 03-2410, order No. 11460-109.

If questions remain, please call Applicants' attorney at (617) 345-3000.

Respectfully submitted,
Richard P. Tori et al., Applicants

Dated: May 7, 2007

By:

A handwritten signature in cursive script, appearing to read "David W. Gomes", written over a horizontal line.

David Gomes
Reg. No. 27,640
Attorney for Applicants

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/811,904
Filing Date	March 19, 2001
First Named Inventor	Richard P. Tori
Art Unit	2881
Examiner Name	J. Lee
Attorney Docket Number	11460-109

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 09/811,904

Filing Date March 19, 2001

First Named Inventor Richard P. Tori

Art Unit 2881

Examiner Name J. Lee

Attorney Docket Number 11460-109

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	BILLAS I M L et al., "Magnetism of Fe, Co and Ni clusters in molecular beams", Journal of Magnetism and Magnetic Materials, April 1997, pp. 64-84, 1997-04,	
		Elsevier Science Publishers, Amsterdam, NL	
	CB	XP002413762, Database WPI Week 198726, 1987-182324, Derwent Publications Ltd., London, GB	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.